SKYZAN Hazard Analysis

Laser Information

Wavelength: 445 nm
Visual Correction Factor: 0.0305
Laser Mode: Continuous Wave

Continuous Wave Parameters

Average Power: 1.00E+00 Watts
Exposure Time: 2.50E-01 Seconds

Single/Multiple Pulse Parameters

Laser Output: N/A
Pulse Length: N/A
Pulse Rate: N/A
Total Exposure Time: N/A

Beam Information

Beam Diameter: 3 mm
Beam Divergence: 1 mrad
Min Elevation Angle: 0 Degrees
Max Elevation Angle: 0 Degrees

Beam Adjustments

Pre-Corrected Power: 1.00E+00 Watts
Visually Corrected Power: 3.05E-02 Watts
Atmospheric Absorption (μ): 0 (1/cm)

Results in Feet

<table>
<thead>
<tr>
<th></th>
<th>MPE</th>
<th>Slant Range</th>
<th>Horizontal Distance</th>
<th>Vertical Distance</th>
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<tbody>
<tr>
<td>NOHD</td>
<td>2.55E-03 W/cm²</td>
<td>733.68</td>
<td>733.68</td>
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<td>SZED</td>
<td>1.00E-04 W/cm²</td>
<td>646.46</td>
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<td>CZED</td>
<td>5.00E-06 W/cm²</td>
<td>2891.36</td>
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<td>LFED</td>
<td>5.00E-08 W/cm²</td>
<td>28913.80</td>
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Comments